



January 11, 2018

Rob King Hampton Bays Water District P.O. Box 1013 Hampton Bays, NY 11946

RE: Project: DIST BACT 1/10

Pace Project No.: 7040046

Dear Rob King:

Enclosed are the analytical results for sample(s) received by the laboratory on January 10, 2018. The results relate only to the samples included in this report. Results reported herein conform to the most current, applicable TNI/NELAC standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Stu Murrell

stu.murrell@pacelabs.com (631)694-3040

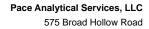
Ster Munell

Project Manager

Enclosures

cc: Warren Booth, Hampton Bays Water District John Collins, H2M Group Stella Michaels, Hampton Bays Water District Paul Ponturo, H2M Group







Melville, NY 11747 (631)694-3040

CERTIFICATIONS

Project: DIST BACT 1/10

Pace Project No.: 7040046

Long Island Certification IDs

575 Broad Hollow Rd, Melville, NY 11747

New York Certification #: 10478 Primary Accrediting Body

New Jersey Certification #: NY158 Pennsylvania Certification #: 68-00350 Connecticut Certification #: PH-0435 Maryland Certification #: 208

Rhode Island Certification #: LAO00340 Massachusetts Certification #: M-NY026 New Hampshire Certification #: 2987



SAMPLE SUMMARY

Project: DIST BACT 1/10

Pace Project No.: 7040046

Lab ID	Sample ID	Matrix	Date Collected	Date Received
7040046001	HB12	Drinking Water	01/10/18 10:04	01/10/18 15:40
7040046002	HB13	Drinking Water	01/10/18 07:45	01/10/18 15:40
7040046003	HB28	Drinking Water	01/10/18 08:00	01/10/18 15:40
7040046004	HB29	Drinking Water	01/10/18 08:16	01/10/18 15:40
7040046005	HB16	Drinking Water	01/10/18 08:35	01/10/18 15:40
7040046006	HB31	Drinking Water	01/10/18 08:55	01/10/18 15:40
7040046007	HB25	Drinking Water	01/10/18 09:11	01/10/18 15:40
7040046008	HB19	Drinking Water	01/10/18 09:26	01/10/18 15:40
7040046009	HB21	Drinking Water	01/10/18 09:45	01/10/18 15:40
7040046010	HB5A	Drinking Water	01/10/18 10:25	01/10/18 15:40



SAMPLE ANALYTE COUNT

Project: DIST BACT 1/10

Pace Project No.: 7040046

Lab ID	Sample ID	Method	Analysts	Analytes Reported
7040046001	HB12	SM22 9223B Colilert	PRR	2
7040046002	HB13	SM22 9223B Colilert	PRR	2
7040046003	HB28	SM22 9223B Colilert	PRR	2
7040046004	HB29	SM22 9223B Colilert	PRR	2
7040046005	HB16	SM22 9223B Colilert	PRR	2
7040046006	HB31	SM22 9223B Colilert	PRR	2
7040046007	HB25	SM22 9223B Colilert	PRR	2
7040046008	HB19	SM22 9223B Colilert	PRR	2
7040046009	HB21	SM22 9223B Colilert	PRR	2
7040046010	HB5A	SM22 9223B Colilert	PRR	2



Project: DIST BACT 1/10

Pace Project No.: 7040046

Sample: HB12	Lab ID: 7040	046001 Collect	ected: 01/10/18 10:04		Received: 01/	10/18 15:40 Ma	Matrix: Drinking Water	
Parameters	Results Ur	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Chlorine and pH	Analytical Metho	od:						
Field Residual Chlorine	0.52 mg	g/L		1		01/10/18 10:04		N3
MBIO Total Coliform DW	Analytical Metho	od: SM22 9223B Co	olilert Prepa	aration M	ethod: SM22 922	3B Colilert		
Total Coliforms E.coli	Absent Absent			1 1		01/11/18 13:00 01/11/18 13:00		



Project: DIST BACT 1/10

Pace Project No.: 7040046

Sample: HB13	Lab ID:	Lab ID: 7040046002		ted: 01/10/18 07:45		Received: 01/	10/18 15:40 Ma	Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Chlorine and pH	Analytical N	Method:							
Field Residual Chlorine	0.55	mg/L			1		01/10/18 07:45		N3
MBIO Total Coliform DW	Analytical N	Method: SM22	2 9223B Col	ilert Prepa	aration Me	ethod: SM22 922	3B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	01/10/18 19:00 01/10/18 19:00	01/11/18 13:00 01/11/18 13:00		



Project: DIST BACT 1/10

Pace Project No.: 7040046

Sample: HB28	Lab ID: 70400	46003 Collect	ed: 01/10/	18 08:00	Received: 01/10/18 15:40		Matrix: Drinking Water	
Parameters	Results Un	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Chlorine and pH	Analytical Metho	d:						
Field Residual Chlorine	0.77 mg	/L		1		01/10/18 08:00		N3
MBIO Total Coliform DW	Analytical Metho	d: SM22 9223B Co	olilert Prepa	aration M	ethod: SM22 922	3B Colilert		
Total Coliforms E.coli	Absent Absent			1 1		01/11/18 13:00 01/11/18 13:00		



Project: DIST BACT 1/10

Pace Project No.: 7040046

Sample: HB29	Lab ID:	Lab ID: 7040046004			18 08:16	Received: 01/10/18 15:40		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Chlorine and pH	Analytical	Method:							
Field Residual Chlorine	0.52	mg/L			1		01/10/18 08:16		N3
MBIO Total Coliform DW	Analytical	Method: SM22	2 9223B Co	lilert Prepa	aration Mo	ethod: SM22 922	3B Colilert		
Total Coliforms E.coli	Absent Absent				1 1		01/11/18 13:00 01/11/18 13:00		



Project: DIST BACT 1/10

Pace Project No.: 7040046

Sample: HB16	Lab ID:	Lab ID: 7040046005			cted: 01/10/18 08:35		10/18 15:40 Ma	Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Chlorine and pH	Analytical	Method:							
Field Residual Chlorine	0.58	mg/L			1		01/10/18 08:35		N3
MBIO Total Coliform DW	Analytical	Method: SM22	2 9223B Co	lilert Prepa	aration M	ethod: SM22 922	3B Colilert		
Total Coliforms E.coli	Absent Absent				1 1		01/11/18 13:00 01/11/18 13:00		



Project: DIST BACT 1/10

Pace Project No.: 7040046

Sample: HB31	Lab ID: 7040046006		Collecte	d: 01/10/1	8 08:55	Received: 01/	10/18 15:40 Ma	Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Chlorine and pH	Analytical N	Method:							
Field Residual Chlorine	0.49	mg/L			1		01/10/18 08:55		N3
MBIO Total Coliform DW	Analytical N	Method: SM22	2 9223B Col	ilert Prepa	ration M	ethod: SM22 922	3B Colilert		
Total Coliforms E.coli	Absent Absent				1 1		01/11/18 13:00 01/11/18 13:00		



Project: DIST BACT 1/10

Pace Project No.: 7040046

Sample: HB25	Lab ID: 7040046007		Collecte	ected: 01/10/18 09:11		Received: 01/10/18 15:40		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Chlorine and pH	Analytical Me	ethod:							
Field Residual Chlorine	0.56	mg/L			1		01/10/18 09:11		N3
MBIO Total Coliform DW	Analytical Me	ethod: SM22	9223B Co	lilert Prepa	ration M	ethod: SM22 922	3B Colilert		
Total Coliforms E.coli	Absent Absent				1 1		01/11/18 13:00 01/11/18 13:00		



Project: DIST BACT 1/10

Pace Project No.: 7040046

Sample: HB19	Lab ID: 7040046008		Collecte	ected: 01/10/18 09:26		Received: 01/10/18 15:40		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Chlorine and pH	Analytical Me	ethod:							
Field Residual Chlorine	0.61	mg/L			1		01/10/18 09:26		N3
MBIO Total Coliform DW	Analytical Me	ethod: SM22	9223B Col	ilert Prepa	ration M	ethod: SM22 922	3B Colilert		
Total Coliforms E.coli	Absent Absent				1 1	01/10/18 19:00 01/10/18 19:00	01/11/18 13:00 01/11/18 13:00		



Project: DIST BACT 1/10

Pace Project No.: 7040046

Sample: HB21	Lab ID: 7040046009		Collecte	cted: 01/10/18 09:45		Received: 01/10/18 15:40		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Chlorine and pH	Analytical M	lethod:							
Field Residual Chlorine	0.64	mg/L			1		01/10/18 09:45		N3
MBIO Total Coliform DW	Analytical M	1ethod: SM22	2 9223B Co	ilert Prepa	ration M	ethod: SM22 922	3B Colilert		
Total Coliforms E.coli	Absent Absent				1 1		01/11/18 13:00 01/11/18 13:00		



Project: DIST BACT 1/10

Pace Project No.: 7040046

Sample: HB5A	Lab ID:	Lab ID: 7040046010			18 10:25	Received: 01/10/18 15:40		Matrix: Drinking Water	
Parameters	Results	Units	Report Limit	Reg. Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Chlorine and pH	Analytical I	Method:							
Field Residual Chlorine	0.36	mg/L			1		01/10/18 10:25		N3
MBIO Total Coliform DW	Analytical I	Method: SM22	2 9223B Co	lilert Prepa	aration M	ethod: SM22 922	3B Colilert		
Total Coliforms E.coli	Absent Absent				1 1		01/11/18 13:00 01/11/18 13:00		



QUALITY CONTROL DATA

Project: DIST BACT 1/10

Pace Project No.: 7040046

Date: 01/11/2018 02:21 PM

QC Batch: 52420 Analysis Method: SM22 9223B Colilert

QC Batch Method: SM22 9223B Colilert Analysis Description: TotColDW MBIO Total Coliform

Associated Lab Samples: 7040046001, 7040046002, 7040046003, 7040046004, 7040046005, 7040046006, 7040046007, 7040046008,

7040046009, 7040046010

METHOD BLANK: 242581 Matrix: Drinking Water

Associated Lab Samples: 7040046001, 7040046002, 7040046003, 7040046004, 7040046005, 7040046006, 7040046007, 7040046008,

7040046009, 7040046010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
E.coli		Absent		01/11/18 13:00	
Total Coliforms		Absent		01/11/18 13:00	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.



QUALIFIERS

Project: DIST BACT 1/10

Pace Project No.: 7040046

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

Date: 01/11/2018 02:21 PM

N3 Accreditation is not offered by the relevant laboratory accrediting body for this parameter.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: DIST BACT 1/10

Pace Project No.: 7040046

Date: 01/11/2018 02:21 PM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytica Batch
7040046001	—— ———————————————————————————————————		52498		
7040046002	HB13		52498		
7040046003	HB28		52498		
7040046004	HB29		52498		
7040046005	HB16		52498		
7040046006	HB31		52498		
7040046007	HB25		52498		
7040046008	HB19		52498		
7040046009	HB21		52498		
7040046010	HB5A		52498		
7040046001	HB12	SM22 9223B Colilert	52420	SM22 9223B Colilert	52521
040046002	HB13	SM22 9223B Colilert	52420	SM22 9223B Colilert	52521
7040046003	HB28	SM22 9223B Colilert	52420	SM22 9223B Colilert	52521
7040046004	HB29	SM22 9223B Colilert	52420	SM22 9223B Colilert	52521
7040046005	HB16	SM22 9223B Colilert	52420	SM22 9223B Colilert	52521
7040046006	HB31	SM22 9223B Colilert	52420	SM22 9223B Colilert	52521
7040046007	HB25	SM22 9223B Colilert	52420	SM22 9223B Colilert	52521
7040046008	HB19	SM22 9223B Colilert	52420	SM22 9223B Colilert	52521
7040046009	HB21	SM22 9223B Colilert	52420	SM22 9223B Colilert	52521
7040046010	HB5A	SM22 9223B Colilert	52420	SM22 9223B Colilert	52521

		747
7	WO#:7040046	7040046

Sample Request Form PUBLIC WATER SUPPLIER

WELL OFF LINE

1	1/10/1	12.	
81-01-1 158	と、ドンドリント	of your	00
Date: _	Collected By:	Accepted By: <	

By: D	
coopied by:	00/
Cooler Temp:	2

HAMPTON BAYS WATTER DISTRICT PO. BOX 1013 HAMPTON BAYS, NEW YORK 11846 (531) 728-0179

Name or Code: Client Info:

Address:

Phone #:

Attn:

Proj. # or (Name):_

Copies To:

Bill To:

☐ WELL RUN TO SYSTEM ☐ YES ☐ NO VOC'S PRESERVED WITH HCI	Treatment Types AST - Air Stripper GAC - Granular Activated Charcoal N - Nitrate Removal Plant FE - Iron Removal Plant O - Cther
1/0//8 I WELL RUN TO SYSTEM 12.35 ROLL IND VOC'S PRES	Origin D - Distribution RW - Raw Well TW - Treated Well T - Tank MW - Monitoring Well I - Influent E - Effluent
d By: A. TUTHING of By:	Purpose RO - Routine RE - Resample S - Special
Collected By: A TOTH M. Accepted By: Cooler Temp:	Sample Types PW - Potable Water GW - Groundwater SW - Surface Water WW - Waste Water AQ - Aqueous S - Soil

Sample Info:								
Date/Time Collected:	Sample Type	Location	Origin	Treatment Type	Purpose	Field Readings Cl ₂ pH/Temp	Analysis	Lab No.

Collected:	Type	Location	Origin	Type	Purpose	Cl ₂	1/2 pH/Temp	Analysis	Lab No.
10:04 am	fe.	412	0	١	Ro	e53	7.01	Bact wla	000
7:45AM	Pw	#13	0	1	120	.55	7.30	Bar wla	200
8:00 AM	3	# 38	P	ı	120	177	7.14	Bact walce	6003
8:164M	ρω	P& 299	0	١	Ro	15	7.06	Ber wa	ha
51.354m	£	2)#	0	1	Ro	.5F	7.34		900
8 SSAM 1-10-18	PW	±3i	Δ	1	80	bh.	7.01	Bre will	900
9:114m	Pw	Sept	0)	80	56	7.06	Bacr wla	200
9126Am	₩	617	Δ	1	Ro	19'	7.08	Bro where	800
9:45Am	PW	#21	A	1	Ro	49'	7.07	Bar wa	600
10:35 AN	Pw	#SA	0	11	Co	.36	7,30	Bact wal	0/0
P Remarks:									

Pace Analytical

Sample Condition Upon Receipt

Land Hand Laborary	Client N	James:		Project	WO#:7040046
(4)	Chentr		360	1 10,00	PM: SWM Due Date: 02/09/18
		111-	/	ar .	CLIENT: HBW
Courier: ☐ Fed Ex☐ UPS ☐ USPS ☐ Clie	ent UComme	erciai 🔝 Pa	ce [Din	a!	200
Tracking #:				Seals intact:	as \square No
Custody Seal on Cooler/Box Present: 📝 🕏		_/		Seals Intact: FIF	
Packing Material: Bubble Wrap Bubble					Type of Ice: Wet Blue None
Thermometer Used: (FH092	The second secon	ion Factor:			Samples on ice, cooling process has begun
Cooler Temperature (C):	Cooler Te	emperature	Correcte	ed (°C):	Date/Time 5035A kits placed in freezer
Temp should be above freezing to 6.0°C					TD .1
USDA Regulated Soil N/A, water sample					of person examining contents:
Did samples originate in a quarantine zone within the	United States:	AL, AR, CA,	FL, GA, ID,	LA, MS, NC,	Did samples orignate from a foreign source (international including Hawaii and Puerto Rico)? Yes No
NM, NY, OK, OR, SC, TN, TX, or VA (check map)?	YES	∐ NO uulated Soi	l Checklis	st (F-LI-C-010) and i	nclude with SCUR/COC paperwork.
If Yes to either question, i	illi out a rics	julatou oo.			COMMENTS:
Chain of Custody Present:	Yes	□No		1.	
Chain of Custody Filled Out:	Yes	□No		2.	
Chain of Custody Relinquished:	ZYes	□No		3.	
Sampler Name & Signature on COC:	Yes	□No	□N/A	4.	
Samples Arrived within Hold Time:	☐ Yes	□No		5.	
Short Hold Time Analysis (<72hr):	ØYes	□No		6.	
Rush Turn Around Time Requested:	□Yes	₽No		7.	
Sufficient Volume: (Triple volume provided for MS/MS	SD Yes	□No		8.	
Correct Containers Used:	Yes	□No		9.	
-Pace Containers Used:	Pres	□No			
Containers Intact:	Yes	ПИо		10.	
Filtered volume received for Dissolved tests	□Yes	□No	DN/A	11. Note if sed	iment is visible in the dissolved container.
Sample Labels match COC:	Yes	□No		12.	
-Includes date/time/ID/Analysis Matrix SL	WT)OIL				
All containers needing preservation have been check	ed □Yes	□No	N/A	13. ☐ HNO ₃	☐ H ₂ SO ₄ ☐ NaOH ☐ HCI
pH paper Lot #					
All containers needing preservation are found to be in	1			Sample #	
compliance with EPA recommendation? (HNO ₃ , H ₂ SO ₄ , HCl, NaOH>9 Sulfide,	□Yes	□No	DN/A		
NAOH>12 Cvanide)					
Exceptions: VOA, Coliform, TOC/DOC, Oil and Great DRO/8015 (water).	se,			Initial when complete	ed: Lot # of added preservative: Date/Time preservative ac
Per Method, VOA pH is checked after analysis					
Samples checked for dechlorination:	□Yes	□No	NIA	14.	
Residual chlorine strips Lot #				Positive for	Res. Chlorine? Y N
Headspace in VOA Vials (>6mm):	□Yes	□No	DN/A	15.	
Trip Blank Present:	□Yes	□No	DN/A	16.	
Trip Blank Custody Seals Present	□Yes	□No	ФN/A	1	
Pace Trip Blank Lot # (if applicable):					
Client Notification/ Resolution:				Field Data Require	d? Y / N
Person Contacted:				Date/Tin	ne:
Comments/ Resolution:					

^{*} PM (Project Manager) review is documented electronically in LIMS.